

To: Robin, George[Robin.George@epa.gov]
Cc: Basinger, David[Basinger.David@epa.gov]; Harper, Jim[Harper.Jim@epa.gov]
From: Salera, Jerry@DOC
Sent: Thur 1/24/2013 8:00:04 PM
Subject: RE: (ODA code licensing Technology Transfer Division) Request for Analysis of PFO Data

George,

Thanks for discussing the issue earlier. I was going to send the email below but then you called. I'll re-send you the data in the ODA-ready format you mentioned. Thanks for your help.

Jerry

Hello George,

I've contacted Ms. De la Puente and have sent her information regarding the Division and its role in implementing the UIC program for EPA Class II wells. I've followed-up with an email yesterday and so far I've gotten a "blank" in terms of response.

In the meantime we're waiting for LBL to review our request, is it possible for some help in running and analyzing the data I've sent earlier?

Jerry

From: Robin.George@epamail.epa.gov [mailto:Robin.George@epamail.epa.gov]
Sent: Tuesday, January 15, 2013 11:05 AM
To: Salera, Jerry@DOC

Cc: Basinger.David@epa.gov; Harper.Jim@epamail.epa.gov

Subject: RE: (ODA code licensing Technology Transfer Division) Request for Analysis of PFO Data

Hi Jerry,

I pasted below the information that will enable you (and John Yu) to obtain the license for using the ODA Code program.

It is not very user friendly - especially to install, but obtain it anyway and we will most probably figure it out I am very sure once you get hold of a copy.

Once that is done, we will try to run some FOT data (yours or ours) through and share it with you all and discuss.

We will try to have Kenzi Karasaki on the discussion when we do so. Alternatively, we can show you what we have done with our data and have this as our first discussion.

So, please go ahead and make the request as directed below and we'll go from there... it may be free for your state agency, but I don't know, so ask anyway.

Hi George: I talked to the contact person at our **Technology Transfer Division** regarding

the licensing of ODA. She wants the person/organization who is interested in getting the

license to **talk to her directly**. Her name is **Virginia de la Puente**. Her phone number is

510-495-2920 and her email address is: VTdelaPuente@lbl.gov

Please have them contact her. Thanks!

-kenzi

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Kenzi Karasaki
Lawrence Berkeley National Laboratory


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-----David Basinger/R9/USEPA/US wrote: -----

To: "Salera, Jerry@DOC" <Jerry.Salera@conservation.ca.gov>
From: David Basinger/R9/USEPA/US
Date: 01/15/2013 10:25AM
Cc: George Robin/R9/USEPA/US@EPA
Subject: RE: Request for Analysis of PFO Data

I believe George has gotten back to you on this; if not, I expect he will. He is working from home today, but should be responsive if you leave a message for him.

Dave
office 415.972.3506

 "Salera, Jerry@DOC" ---01/11/2013 01:13:33 PM---Thank you David and George. This ODA package - is it possible for you to lend us a copy to "test dr

From: "Salera, Jerry@DOC" <Jerry.Salera@conservation.ca.gov>
To: David Basinger/R9/USEPA/US@EPA,
Cc: George Robin/R9/USEPA/US@EPA
Date: 01/11/2013 01:13 PM
Subject: RE: Request for Analysis of PFO Data

Thank you David and George.

This ODA package - is it possible for you to lend us a copy to "test drive" ? We are also evaluating aside from FOTs, some SRT data from the Wilmington field. These SRTs were conducted under the basic EPA guidelines and so we have downhole pressure with time data that we can run with the ODA. Kindly let me know if we can do this.
Thanks again...

Jerry

From: Basinger.David@epa.gov [<mailto:Basinger.David@epa.gov>]
Sent: Friday, January 11, 2013 1:00 PM
To: Salera, Jerry@DOC
Cc: Robin.George@epamail.epa.gov

Subject: Re: Request for Analysis of PFO Data

The two data files seemed to come through fine.

I discussed this to George after we talked yesterday. The operational data analysis (ODA) software I mentioned might be of some use with FOTs (pressure falloff tests; I assume these are the same as your PFOs), but we typically use it for step-rate test (SRT) analysis. George should be able to tell you whether it is of any use with your PFO analysis.

EPA Region 6 has the type of curve-fitting software you mentioned in our discussion, and we occasionally are able to get their help. As you know, other software is available, and George might be able to point you to some of these or he may have other suggestions.

Dave Basinger
Environmental Engineer, Underground Injection Control
Water Division, Mail Code WTR-9
U.S. Environmental Protection Agency, Region 9
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please consider the environment before printing this

From: "Salera, Jerry@DOC" <Jerry.Salera@conservation.ca.gov>
To: George Robin/R9/USEPA/US@EPA, David Basinger/R9/USEPA/US@EPA,
Date: 01/11/2013 12:33 PM
Subject: Request for Analysis of PFO Data

Hello George and David:

George, yesterday I called David to inquire regarding PFO analysis of a couple of PFO tests from an injection project in Huntington Beach oil field. He kindly informed me that Region 9 has the software to be able to do this and offered to help. This is the project that we have had a conversation on PFO testing back in June or July last year. The District has had discussions on the data and their analysis from a software vendor in Texas and a CalPoly professor/consultant. We would like another transient pressure analysis package to run the numbers and give us an idea of the reservoir pressures and other reservoir parameters. I have attached the data above – they're rather big files and I'm not sure if this email will go through your portal. David mentioned that there may be other ways to send the data but I'd like to check if this email route will work. I really appreciate your assistance in this.

Thanks and regards.

Jerry Salera

Underground Injection Control (UIC) Program
CA Division of Oil, Gas and Geothermal Resources

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[attachment "Angus Petroleum B-16.xls" deleted by David Basinger/R9/USEPA/US] [attachment "Angus Petroleum B-2.xls" deleted by David Basinger/R9/USEPA/US]